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(71) Applicant (for all designated States except US):  
**PHOENIX TECHNOLOGIES, LP** [US/US]; 1098  
Fairview Avenue, Bowling Green, OH 43402 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **HYWARD, Donald, W.** [US/US]; 4 Mattatuck Way, Waterville, OH 43566 (US).  
**WITHAM, Daniel, L.** [US/US]; 6317 Glenhurst Drive,  
Apt. #5, Maumee, OH 43537 (US).

(74) Agent: **FRASER, Donald, R.**; MacMillan, Sobanski &  
Todd, LLC, One Maritime Plaza, Fourth Floor, 720 Water  
Street, Toledo, OH 43604-1853 (US).

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(54) Title: IMPROVED METHOD FOR TREATING RECYCLED POLYETHYLENE TEREPHTHALATE

(57) Abstract: A process for treating RPET flakes comprises providing a quantity of RPET flakes, comminuting the RPET flakes to prepare RPET particles having an average mean particle size less than about 300 microns, and treating the RPET particles utilizing a low energy process selected from the group consisting of simultaneously melting and mixing the RPET particles by means of a low energy melting device to prepare an RPET melt, and thermally treating the RPET particles to dry or crystallize the RPET particles.

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# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/07955

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC(7) : C08G 63/00

US CL : 528/308.1; 528/271, 272

**B. FIELDS SEARCHED**

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Minimum documentation searched (classification system followed by classification symbols)  
U.S. : 528/308.1

U.S. : 528/308.1

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
NONE

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
NONE

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category \*

Citation of document, with indication, where appropriate, of the relevant passages

Relevant to claim No.

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☐ Further documents are listed in the continuation of Box C.

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document member of the same patent family

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P.O. Box 1450

Alexandria, Virginia 22313-1450

Facsimile No. (703) 305-3230

Authorized officer

**Terressa M. Boykin**

Telephone No. 703 308-2462